

Abstract of the Disclosure

Increasing the linearity of elements within a printhead by applying a coarse electronic adjustment to rearrange the electronic printing of data into the proper pixel line and then applying a fine electronic adjustment to reduce the bow error to fraction of a pixel line. Delays of exposure control signals are used by the  
5 fine electronic adjustment to correct linearity by a fraction of a pixel line. The delays can be repeated to multiply the number of delays available and increase the linearity resolution. The delays can also be averaged between odd and even rows of elements to increase apparent resolution.